

III. REMARKS

Claims 11-17, 19, 20, 23-29 are not indefinite under 35 U.S.C. 112, second paragraph.

Independent claims 11, 13, 15 and 19 have been amended to clarify what elements are the "other" elements. In particular, the above independent claims are amended such that a connection is established between the mobility agent (claims 11 and 15) or router (claims 13 and 19) and another network element (separate from the network element comprising the mobility agent or router) to collect attribute information, and that information on attributes of one or more network elements is transferred from one or more network elements to the mobility agent/router. These amendments are supported by page 7, lines 4-17, of the application.

Thus the above rejection should be withdrawn.

Claims 1, 2, 5-7, 9, 10, 21 and 22 are not unpatentable under 35 U.S.C. 103(a) over Perkins in view of Feder.

Claim 1 has been amended to recite "establishing a data transmission connection between a mobility agent and one or more network elements in the system to collect attribute information, transmitting to the mobility agent information on attributes of one or more network elements from the connected one or more network elements". There is no indication in Feder or Perkins of arranging reception of information in attributes of one or more network elements by a mobility agent or a router from other

network elements and inclusion of such received information in advertising messages to a mobile node. Further, the combination of these references fails to teach using such attribute information on other network elements in a mobile node supporting mobile IP. The remaining independent claims have similar limitations.

Applicants also repeat their previously presented argument that the references cannot be combined in the first place.

Thus the rejection of claims 1, 2, 5-7, 9, 10, 21 and 22 under 35 U.S.C. 103 should be withdrawn.

Claims 11-17, 19, 20, 23 and 24 are not unpatentable under 35 U.S.C. 103(a) over Perkins in view of Feder in view of Soliman.

Soliman discloses a new node, Mobility Anchor Point (MAP), for Mobile Ipv6 networks. This MAP may act as a local home agent or as an alternate care of address (COA) when roaming in a certain MAP domain. Sub-network access routers (AR), as illustrated in Figure 1, may transmit router advertisement messages containing information of an MAP the domain to which they belong. On pages 7 and 8 it is disclosed that a preference value of a MAP and a distance of the MAP from the mobile node (MN) in terms of number of hops may be transferred to the MN in such advertisement messages. It is defined that the MAP option may be automatically configured to ARs. The use of MAP option in mobile node is defined in Chapter 7.1.

However, even if Perkins and Feder are combined with Soliman, the combination would fail to disclose all features recited in the amended independent claims. Soliman gives no indication on

specifically connecting, by a mobility agent or a router, at least one (other) network element and one or more network elements in the system to collect attribute information, transmitting to the mobility agent information on attributes of one or more network elements from the connected one or more network elements, and then transmitting said information on the attributes in advertising messages from the mobility agent to at least one mobile node. Instead, in Soliman direct attribute collecting by connecting a specific network element is not possible. Soliman teaches that each access router merely increments the distance field by one and forwards the MAP option. There is no disclosure of an access router specifically connecting a MAP to collect attribute information from such element.

Thus the rejection of claims 11-17, 19, 20, 23 and 24 under 35 U.S.C. 103 should be withdrawn.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.



Respectfully submitted,

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